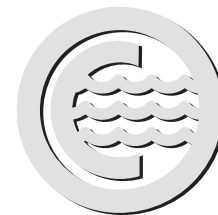


Trainers:

Marta Rodrigues (LNEC)
Pedro Lopes (LNEC)

More Information: opencoasts.lnec.pt/index_en.php



**OPENCoastS hands-on course:
An open-access service for
on-demand coastal predictions**

Provided by



Supported by



Funded by



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opencoasts.ncg.ingrid.pt

25 October 2019
Marmaris | Turkey



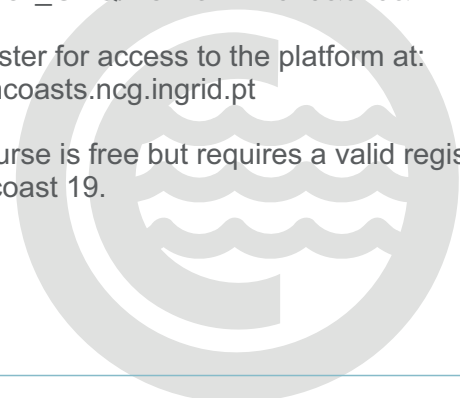
<https://conference.medcoast.net>

Requirements:
 No prior real-time modeling or forecasting experience is required. A laptop with internet connection is required (teams may work on a single computer).

- Register for the course:
https://docs.google.com/forms/d/e/1FAIpQLSdo_TTAMo_mZxnKcHEcCxIYGG4FJcZHORLxfPAuSt6Msx_GNQ/viewform?vc=0&c=0&w=1

- Register for access to the platform at:
opencoasts.ncg.ingrid.pt

This course is free but requires a valid registration in Medcoast 19.



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 E-mail: mfrdrigues@lnec.pt

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Goal:

- Introduce OPENCoastS, an innovative and free platform to generate on-demand forecasts
- Empower potential users by providing an introduction to the relevant physical processes, the numerical model SCHISM and unstructured grid generation

Program:

- Welcome and quick explanation on the course (10 min)
- Summary of coastal modeling and forecasting (10 min)
- Generation of triangular finite element grids for coastal models (20 min)
- The OPENCoastS platform hands-on tutorial (45 min)
- Course rating by the attendees (5 min)

The OPENCoastS service assembles on-demand circulation forecast systems for selected coastal areas and keeps them running operationally for a period defined by the user. This service generates daily forecasts of water levels and vertically averaged velocities over the region of interest for 48 hours, based on numerical simulations of the relevant physical processes.

